IN THE CLAIMS:

Please cancel Claims 68-70, 82-84, and 85, without prejudice, and please add new Claims 79-85, as provided in the following Listing of Claims:

Listing of Claims:

Claims 1-30. (Canceled)

Claim 31. (Previously Presented) An apparatus, comprising:

a first processing device, wherein the first processing device at least one of generates and transmits a first signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is located at or is associated with a premises, wherein the

first processing device is located at a location remote from the premises,

wherein the first processing device is responsive to a second signal, wherein the second signal is at least one of generated by and transmitted from a second processing device, wherein the second processing device is located at a location which is remote from the first processing device and remote from the premises, wherein the second signal is transmitted from the second processing device to the first processing device via, on, or over, at least one of the Internet and the World Wide Web, and further wherein the second signal is automatically received by the first processing device,

wherein the first signal is transmitted from the first processing device to a third processing device, wherein the third processing device is located at the premises, and further wherein the first signal is automatically received by the third processing device,

wherein the first processing device or the third processing device determines whether an action or an operation associated with information contained in the first signal, to at least one of activate, de-activate, disable, re-enable, and

control an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is an authorized or an allowed action or an authorized or an allowed operation, and further wherein, if the action or the operation is determined to be an authorized or an allowed action or an authorized or an allowed operation, the third processing device at least one of generates and transmits a third signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, in response to the first signal.

Claim 32. (Canceled)

Claim 33. (Previously Presented) The apparatus of Claim 31, further comprising:

a monitoring device for at least one of reading and monitoring at least one of a status and a condition of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or for at least one of reading

and monitoring at least one of a status and a condition of at least one of a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, and a fuel cell by-product output level.

Claim 34. (Previously Presented) The apparatus of Claim 31, further comprising:

at least one of a device and a component for detecting at least one of a wear and a state of disrepair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a component transmits the fourth signal to the third processing device, wherein the third processing device generates a fifth signal and transmits the fifth signal to the first processing device, wherein the first processing device generates a sixth signal and transmits the sixth signal to the second processing device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair.

Claims 35-41. (Canceled)

Claim 42. (Previously Presented) An apparatus, comprising:

a first processing device, wherein the first processing device at least one of generates and transmits a first signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is located at or is associated with a vehicle, wherein the first processing device is located at a location remote from the vehicle,

wherein the first processing device is responsive to a second signal, wherein the second signal is at least one of generated by and transmitted from a second processing device, wherein the second processing device is located at a location which is remote from the first processing device and remote from the vehicle, wherein the second signal is transmitted from

the second processing device to the first processing device via, on, or over, at least one of the Internet and the World Wide Web, and further wherein the second signal is automatically received by the first processing device,

wherein the first signal is transmitted from the first processing device to a third processing device, wherein the third processing device is located at the vehicle, and further wherein the first signal is automatically received by the third processing device,

wherein the first processing device or the third processing device determines whether an action or an operation associated with information contained in the first signal, to at least one of activate, de-activate, disable, re-enable, and control an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is an authorized or an allowed action or an authorized or an allowed operation, and further wherein, if the action or the operation is determined to be an authorized or an allowed action or an authorized or an allowed operation, the third processing device at least one of generates and transmits a third signal for at least one of activating, de-activating,

disabling, re-enabling, and controlling an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, in response to the first signal.

Claim 43. (Canceled)

Claim 44. (Previously Presented) The apparatus of Claim 42, further comprising:

a monitoring device for at least one of reading and monitoring at least one of a status and a condition of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, and a fuel cell by-product output level.

Claim 45. (Previously Presented) The apparatus of Claim 42, further comprising:

at least one of a device and a component for detecting at least one of a wear and a state of disrepair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a component transmits the fourth signal to the third processing device, wherein the third processing device generates a fifth signal and transmits the fifth signal to the first processing device, and further wherein the first processing device generates a sixth signal and transmits the sixth signal to the second processing device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair.

Claims 46-50. (Canceled)

Claim 51. (Previously Presented) The apparatus of Claim 31, wherein the third processing device at least one of monitors and detects at least one of a failure, a wear, a malfunction, and a state of disrepair, of, in, or regarding, the at least one of a fuel cell, a fuel cell temperature

measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the third processing device transmits a message to the first processing device, and further wherein the message contains information regarding the at least one of a failure, a wear, a malfunction, and a state of disrepair, in, of, or regarding, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 52. (Previously Presented) The apparatus of Claim 51, wherein the first processing device transmits a second message to the second processing device via, on, or over, at least one of the Internet and the World Wide Web, wherein the second message contains information regarding the at least one of a failure, a wear, a malfunction, and a state of disrepair, in, of, or regarding, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 53. (Previously Presented) The apparatus of Claim 31, wherein the second processing device or the first processing device transmits a repair signal to the third processing device, and further wherein the third processing

device repairs or re-programs the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 54. (Previously Presented) The apparatus of Claim 31, wherein at least one of the first processing device, the second processing device, and the third processing device, processes information for at least one of controlling an operation of, monitoring an operation of, and determining an operating status of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 55. (Previously Presented) The apparatus of Claim 31, wherein at least one of the apparatus, the first processing device, the second processing device, and the third processing device, processes or provides diagnostic information regarding the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 56. (Previously Presented) The apparatus of Claim 31, wherein the apparatus performs a systematic check of a

status or a state of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, and further wherein information regarding the status or the state of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is transmitted to the first processing device or to the second processing device.

Claim 57. (Previously Presented) The apparatus of Claim 42, wherein the third processing device at least one of monitors and detects at least one of a failure, a wear, a malfunction, and a state of disrepair, of, in, or regarding, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the third processing device transmits a message to the first processing device, and further wherein the message contains information regarding the at least one of a failure, a wear, a malfunction, and a state of disrepair, in, of, or regarding, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 58. (Previously Presented) The apparatus of Claim 57, wherein the first processing device transmits a second message to the second processing device via, on, or over, at least one of the Internet and the World Wide Web, wherein the second message contains information regarding the at least one of a failure, a wear, a malfunction, and a state of disrepair, in, of, or regarding, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 59. (Previously Presented) The apparatus of Claim 42, wherein the second processing device or the first processing device transmits a repair signal to the third processing device, and further wherein the third processing device repairs or re-programs the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or at least one of the first processing device, the second processing device, and the third processing device, processes information for at least one of controlling an operation of, monitoring an operation of, and determining an operating status of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 60. (Canceled)

Claim 61. (Previously Presented) The apparatus of Claim 42, wherein at least one of the apparatus, the first processing device, the second processing device, and the third processing device, processes or provides diagnostic information regarding the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 62. (Previously Presented) The apparatus of Claim 42, wherein the apparatus performs a systematic check of a status or a state of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, and further wherein information regarding the status or the state of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is transmitted to the first processing device or to the second processing device.

Claims 63-64. (Canceled)

Claim 65. (Previously Presented) An apparatus, comprising:

a first processing device, wherein the first processing device at least one of generates and transmits a first signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is located at or is associated with a device or a piece of equipment, wherein the first processing device is located at a location remote from the device or the piece of equipment,

wherein the first processing device is responsive to a second signal, wherein the second signal is at least one of generated by and transmitted from a second processing device, wherein the second processing device is located at a location which is remote from the first processing device and remote from the device or the piece of equipment, wherein the second signal is transmitted from the second processing device to the first processing device via, on, or over, at least one of the

Internet and the World Wide Web, and further wherein the second signal is automatically received by the first processing device,

wherein the first signal is transmitted from the first processing device to a third processing device, wherein the third processing device is located at the device or the piece of equipment, and further wherein the first signal is automatically received by the third processing device,

wherein the first processing device or the third processing device determines whether an action or an operation associated with information contained in the first signal, to at least one of activate, de-activate, disable, re-enable, and control an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is an authorized or an allowed action or an authorized or an allowed operation, and further wherein, if the action or the operation is determined to be an authorized or an allowed action or an authorized or an allowed operation, the third processing device at least one of generates and transmits a third signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, the at

least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, in response to the first signal.

Claim 66. (Previously Presented) The apparatus of Claim 65, further comprising:

a monitoring device for at least one of reading and monitoring at least one of a status and a condition of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or for at least one of reading and monitoring at least one of a status and a condition of at least one of a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, and a fuel cell by-product output level.

Claim 67. (Previously Presented) The apparatus of Claim 65, further comprising:

at least one of a device and a component for detecting at least one of a wear and a state of disrepair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output

measuring device, wherein the at least one of a device and a component generates a fourth signal containing information regarding the at least one of a wear and a state of disrepair, and further wherein the at least one of a device and a component transmits the fourth signal to the third processing device, wherein the third processing device generates a fifth signal and transmits the fifth signal to the first processing device, wherein the first processing device generates a sixth signal and transmits the sixth signal to the second processing device, wherein the sixth signal contains information regarding the at least one of a wear and a state of disrepair.

Claim 68-71. (Canceled)

Claim 72. (Previously Presented) The apparatus of Claim 65, wherein the second processing device or the first processing device transmits a repair signal to the third processing device, and further wherein the third processing device repairs or re-programs the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 73. (Previously Presented) The apparatus of Claim 65, wherein at least one of the first processing device, the second processing device, and the third processing device, processes information for at least one of controlling an operation of, monitoring an operation of, or determining an operating status of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claims 74-76. (Canceled)

Claim 77. (Previously Presented) The apparatus of Claim 65, wherein at least one of the first processing device, the second processing device, and the third processing device, processes information for providing diagnostic information regarding, or for performing a systematic check of a status or a state of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 78. (Canceled)

Claim 79. (New) A computer-implemented method, comprising:

receiving, with a first processing device, a first signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, wherein the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is located at or is associated with a device or a piece of equipment, wherein the first processing device is located at a location of the device or the piece of equipment, wherein the first signal is transmitted from a second processing device located at a location remote from the first processing device, wherein the first signal is transmitted from the second processing device to the first processing device via, on, or over, at least one of the Internet and the World Wide Web, and further wherein the second signal is automatically received by the first processing device;

determining, with the first processing device, whether an action or an operation associated with information contained

in the first signal, to at least one of activate, de-activate, disable, re-enable, and control an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, is an authorized or an allowed action or an authorized or an allowed operation; and

generating, with the first processing device, a second signal for at least one of activating, de-activating, disabling, re-enabling, and controlling an operation of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, in response to the first signal, if the action or the operation is determined to be an authorized or an allowed action or an authorized or an allowed operation.

Claim 80. (New) The computer-implemented method of Claim 79, wherein the first signal is transmitted to the first processing device in response to a third signal transmitted from a third processing device to the second processing device, wherein the third processing device is located at a location remote from the first processing device and remote from the second processing device, and further wherein the third signal

is transmitted to the second processing device via, on, or over, at least one of the Internet and the World Wide Web.

Claim 81. (New) The computer-implemented method of Claim 79, further comprising:

reading or monitoring, with a monitoring device, a status or a condition of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device, or reading or monitoring, with a monitoring device, a status or a condition of at least one of a fuel cell electrical power output, a fuel cell fuel supply level, a fuel cell operating temperature, and a fuel cell by-product output level.

Claim 82. (New) The computer-implemented method of Claim 79, further comprising:

detecting, with a detecting device or a detecting component, a wear or a state of disrepair of the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device;

generating, with the detecting device or the detecting component, a third signal containing information regarding the wear or the state of disrepair; and

transmitting, from the detecting device or the detecting component, the third signal to a third processing device, wherein the third processing device is located at a location remote from the first processing device and remote from the second processing device.

Claim 83. (New) The computer-implemented method of Claim 82, further comprising:

transmitting a repair signal to the first processing device; and

repairing or re-programming, with the first processing device, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 84. (New) The computer-implemented method of Claim 79, further comprising:

processing information for controlling an operation of, monitoring an operation of, or determining an operating status of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.

Claim 85. (New) The computer-implemented method of Claim 79, further comprising:

processing information for providing diagnostic information regarding, or for performing a systematic check of a status or a state of, the at least one of a fuel cell, a fuel cell temperature measuring device, a fuel cell by-product measuring device, and a fuel cell output measuring device.